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Date of Deposit November 9, 2001

Attorney Docket No.: 019957-011211US

10,00731 10,00731 11,09,01

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents

Washington, D.C. 20231

Debra Ann DeBello

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Paulson et al.

Application No.: Unassigned

Filed: November 9, 2001

For: PRACTICAL IN VITRO

SIALYLATION OF RECOMBINANT

**GLYCOPROTEINS** 

Examiner:

Unassigned

Art Unit:

Unassigned

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

**§1.98** 

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/007,741, filed 01/15/98 (Attorney Docket No. 019957-011210US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Joseph R. Snyder Reg. No. 39,381

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8<sup>th</sup> Floor San Francisco, California 94111-3834 Tel: 925 472-5000

Fax: 925-472-8895

JS:dad

SF 1290433 v1

Sheet

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Substitute for form 1449A/PTO				C mplete if Kn wn	Ę.
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INFO	RMATION	I DISCLOSURE	Filing Date	November 8, 2001	SO S
STATEMENT BY APPLICANT			First Named Inventor	Paulson, James C.	בּיל
			Group Art Unit		8
	(use as many si	heets as necessary)	Examiner Name		97
Sheet	1	of	Attorney Docket Number	019957-011211US	

			U.S. PATENT DOCUM	MENTS	
	,	U.S. Patent Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials *	Cite No.1	Number Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
	AA	5047335	J. Paulson et al.	09/10/91	
	AB	5272066	M.L.E. Bergh et al.	12/21/93	
	AC	5374541			
	AD	5541083	J.C. Paulson et al.	07/30/96	•

:				FOREIGI	N PATENT DOCU	MENTS		
		Foreign Patent Document		cument	Name of Patentee	Date of Publication of	Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	_T <sup>6</sup>
	AE	PCT	WO 92/1664	10				
	AF	PCT	WO 94/2561	5				

Examiner Signature	Date Considered	·

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES CR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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Substitute	e for form 1449B/PT	0	Complete if Known			
			Applicati n Number			
	<del>-</del> -	DISCLOSURE	Filing Date	November 8, 2001		
STA	TEMENT B	Y APPLICANT	First Named Inventor	Paulson, James C.		
			Group Art Unit			
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Sheet	2	of	Attorney Docket Number	019957-011211US		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	_			
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т			
	AG	MC Field et al., <u>Glycobiology</u> (1995) 5(5): 463-472	<u>.</u>			
	AH A. Harduin-Lepers et al., Glycobiology (1995) 5(8): 741-758					
	Al M Kono et al., <u>Glycobiology</u> (1997) 7(4): 469-479					
, , , , , , ,	AJ	M.A. Williams et al., Glycoconjugate Journal (1995) 12: 755-761				
	AK	L. Borsig et al, Biochemical and Biophysical Research Communictaions (May 5, 1995) 210(1): 14-20				
	AL	M. Gilbert et al., The Journal of Biological Chemistry (November 8, 1996) 271(45): 28271-28276				
	AM	C.F. Goochee et al. "The Oligosaccharides of Glycoproteins: Bioprocess Factors Affecting Oligosaccharide Structure and Their Effect on Glycoprotein Properties," Review, Dept. of Chemical Engineering, stanford Univ., Stanford, CA				
	AN	D.H. Joziasse et al., <u>Journal of Biological Chemistry</u> (Jan. 25, 1985) 260(2) 714-719				
	AO	D.H. Joziasse et al., <u>Journal of Biological Chemistry</u> (Feb. 15, 1987) 262(5): 2025-2033				
	AP	J.C. Paulson et al., Journal of Biological Chemistry (Apr. 10, 1977) 252(7) 2363-2371				
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	AR	A. Varki, <u>Glycobiology</u> (1992) 2(1): 25-40				
	AS	J. Weinstein et al., <u>Journal of Biological Chemistry</u> (Nov. 25, 1982) 257(22): 13845-13853				
	AT	T. Yamamoto et al., <u>J. Biochem.</u> (1996) 120: 104-110				
	AU	J.C. Yeh and R.D. Cummings, "Differential Recognition of Glycoprotein Acceptors by Terminal Glycosyltransferases," Dept. of Biochemistry and Molecular Biology, Univ. of Oklahoma Health Sciences Center, Oklahoma City, OK				

Examiner		Date	
Signature	•	Considered	

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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Substitute for form 1449B/PTO					Complete if Known		
				NACI COURT	Applicati n Number		
				DISCLOSURE	Filing Date	November 8, 2001	
	STAT	EMEN.	T BY	APPLICANT	First Named Inv nt r	Paulson, James C.	
					Group Art Unit		
		(use as mar	ny shee	's as necessary)	Examiner Name		
	Sheet	3		of	Attorney Docket Number	019957-011211US	

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS							
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
	AV	Goochee et al., <u>Bio/Technology</u> (1991) 9: 1347-1355						
	AW	Wen et al. <u>J. Biol. Chem.</u> (1992) 267: 21011						
	AX	Van den Eijnden et al. <u>J. Biol. Chem.</u> (1981) 256: 3159						
	AY	Sasaki et al. <u>J. Biol. Chem.</u> (1993) 268: 22782-22787						
	AZ	Kitagawa & Paulson <u>J. Biol. Chem.</u> (1994) 269: 1394-1401						
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	ABB	Paulson et al. <u>J. Biol. Chem.</u> (1978) 253: 5617-5624						
	ACC	Wallenfels et al. Meth. Enzymol. (1966) 9: 112-116						

Examiner	Date	
Signature	Considered	

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